

ISIS-II PL/M-86 V2.0 COMPILATION OF MODULE SUBR1

OBJECT MODULE PLACED IN SUBR1.OBJ

COMPILER INVOKED BY: :F0: SUBR1.PLM DEBUG OPTIMIZE(2) DATE(FEBRUARY 2, 1982) XREF

```

1      $title ('SUBROUTINE MODULE - PART 1')
      subrl:
      do;

      $include (:f1:macro.lit)
      = $nolist

      /*

      modified 3/26/81 R. Silberstein

      */

      /* compute if number is in range (-128,127) */
      /* exit 1 if in range, 2 otherwise */

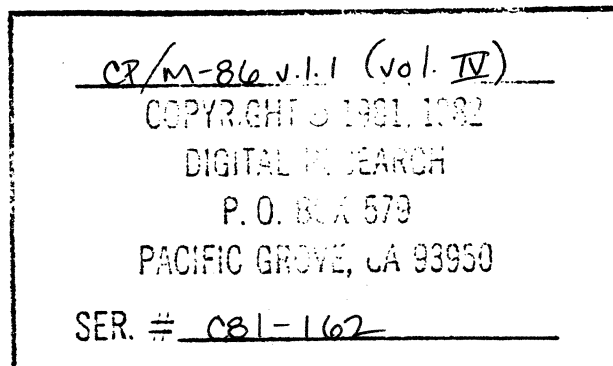
3 1    typecalc: procedure(val) byte public;
4 2    declare val address,
        lowb byte at (.val),
        highb byte at (.val+1);
5 2    lowb=lowb and 80h;
6 2    if highb=0 then
7 2    if lowb=0 then return 1;
9 2    if highb=0ffh then
10 2   if lowb < 0 then return 1;
12 2   return 2;
13 2   end typecalc;

      /* test if number is a "word" (>255 and <-256) */
14 1   wrdtest: procedure(n) byte public;
15 2   declare n address;
16 2   return ((n < 0ff00h) and (n > 0ffh));
17 2   end wrdtest;

18 1   copy: procedure(n,s,d) public;
19 2   declare n byte,
        (s,d) address,
        sch based s byte,
        dch based d byte;
20 2   DO WHILE (N := N - 1) <> 0FFH;
21 3   DCH = SCH;
22 3   D = D + 1;
23 3   S = S + 1;
24 3   END;
25 2   end copy;

26 1   end subrl;

```



CROSS-REFERENCE LISTING

 DEFN ADDR SIZE NAME, ATTRIBUTES, AND REFERENCES

2			ADDR	LITERALLY			
18	0048H	37	COPY	PROCEDURE PUBLIC STACK=0008H			
2			CR	LITERALLY			
18	0004H	2	D.	WORD PARAMETER AUTOMATIC	19	21	22
19	0000H	1	DCH.	BYTE BASED(D) 21			
2			DCL.	LITERALLY			
2			ELSEDO	LITERALLY			
2			ENDCASE.	LITERALLY			
2			ENDDO.	LITERALLY			
2			ENDFOREVER	LITERALLY			
2			ENDIF.	LITERALLY			
2			ENDMODULE.	LITERALLY			
2			ENDOFFILE.	LITERALLY			
2			ENDPROC.	LITERALLY			
2			ENDWHILE	LITERALLY			
2			FALSE.	LITERALLY			
2			FOREVER.	LITERALLY			
2			FORMFEED	LITERALLY			
4	0005H	1	HIGHB.	BYTE AT AUTOMATIC	6	9	
2			INIT	LITERALLY			
2			LF	LITERALLY			
2			LIT.	LITERALLY 2			
4	0004H	1	LOWB	BYTE AT AUTOMATIC	5	7	10
14	0004H	2	N.	WORD PARAMETER AUTOMATIC	15	16	
18	0003H	1	N.	BYTE PARAMETER AUTOMATIC	19	20	
2			PROC	LITERALLY			
2			REENT.	LITERALLY			
18	0006H	2	S.	WORD PARAMETER AUTOMATIC	19	21	23
19	0000H	1	SCH.	BYTE BASED(S) 21			
2			SPACE.	LITERALLY			
2			STRUC.	LITERALLY			
1	0000H		SUBR1.	PROCEDURE STACK=0000H			
2			TAB.	LITERALLY			
2			THENDO	LITERALLY			
2			TRUE	LITERALLY			
3	0000H	41	TYPECALC	PROCEDURE BYTE PUBLIC STACK=0004H			
3	0004H	2	VAL.	WORD PARAMETER AUTOMATIC 4			
14	0029H	31	WRDTEST.	PROCEDURE BYTE PUBLIC STACK=0006H			

MODULE INFORMATION:

CODE AREA SIZE = 006DH 109D
 CONSTANT AREA SIZE = 0000H 0D
 VARIABLE AREA SIZE = 0000H 0D
 MAXIMUM STACK SIZE = 0008H 3D
 80 LINES READ
 0 PROGRAM ERROR(S)

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END OF PL/M-86 COMPILATION

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